



Degreaser 707

Soft Metal Degreaser

DESCRIPTION

Degreaser 707 is formulated to remove grease, oil, dirt, carbon, cutting oils, inks, waxes, dyes, and other stubborn soils...the big difference is, **Degreaser 707** does it faster and more efficiently...plus it's engineered to treat the surface and resist re-soiling.

As an incredible multi-purpose cleaner, **Degreaser 707** excels at degreasing and cleaning heavy duty industrial machinery such as aircraft, automotive parts, diesel and marine equipment, machinery, printing presses, production equipment, stoves, ovens...really almost any application where the combination of grease and soil has made your life miserable!

Degreaser 707 is non-toxic and fireproof; it will not burn or support combustion. Can be used safely on metals, including aluminum, zinc, cadmium and other non-ferrous and ferrous alloys and will not cause rust or corrosion. Equally safe on rubber, concrete, most paints and plastics.

SPECIAL INFORMATION

Industrial use only. Keep above freezing temperatures.

DIRECTIONS

Heavy soil:

Add 43 oz of product per gallon of water (330 ml/litre) (1:3).

Light soil:

Add 6.5 oz of product per gallon of water (50 ml/litre) (1:20).

PHYSICAL DATA

Appearance	Clear liquid
Color	Water white
Foam	Moderate
Odor	None
pH	11.5 - 12.5

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **DEGREASER 707**

WHMIS CODE: D2B, E

Product Use: *Water based degreaser.*

Proper Shipping Name: N/A

Hazard Class: N/A

UN Number: N/A

HMIS

3	Health
0	Flammability
0	Reactivity
B	Personal

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EMERGENCY PHONE

Canada: Canutec 613-996-6666
U.S.A.: Chemtrec 800-424-9300

A=Goggles, B=Goggles & Gloves
C=Goggles, Gloves and Apron

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
ETHYLENE GLYCOL MONO BUTYL ETHER Exposure limit skin: 25 ppm The above item is reported per 40 CFR 372, Section 313 of Emergency Planning and Community Right to Know Act of 1986. LD50 1746 mg/kg LD50 (Rabbit) 436 ml/kg LC50, 7hr. (Mouse) 700 ppm	111-76-2	1.0-5.0	N/D	25 ppm TWA
TRI SODIUM PHOSPHATE LD50 (oral rat) 7400 mg/kg LD50 (dermal) Not Available	7601-54-9	1.0-5.0	None	N/E
SODIUM METASILICATE LD50 (oral rat) 1153 mg/kg LD50 (dermal) N/A LC50 N/A	6834-92-0	1.0-5.0	No Data	No Data
ALCOHOL ETHOXYLATE LD50 (oral rat) 1376 mg/kg LD50 (dermal rabbit) >2 g/kg	68439-46-3	5.0-10.0	N/A	N/A

SECTION 3 – PHYSICAL DATA

Color and Odor: Clear liquid, mild odor.	Boiling Point: N/D	Vapor Pressure (mm HG): N/D	pH: > 13.0
Physical State: Liquid.	Melting Point: N/A	Vapor Density: N/D	Specific Gravity: 1.043 @ 20°C
Coeff. Water/Oil Dist: Greater than 1.0	Evaporation Rate: N/D	Solubility in Water: Soluble	Odor Threshold: No Data

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: None to 100°C (TCC) **Sensitivity to Mechanical Impact:** None. **Extinguishing Media:** Not flammable.
Flammable Limits: None known. **Sensitivity to Static Discharge:** None. **Auto ignition Temperature:** None known.
Conditions of Flammability: None.
Unusual Fire and Explosion Hazards: Flammable hydrogen gas may liberate upon prolonged contact with sensitive metals (i.e. aluminum, zinc, etc.).
Hazardous Combustion Products: Carbon oxides may be liberated upon thermal decomposition.
Special Fire Fighting: Wear full protective equipment, including a NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situations. Use water spray to cool all nearby fire exposed surfaces.

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable under normal storage conditions. **Hazardous Polymerization:** Will not Occur.
Incompatibility (material to avoid): Strong oxidizers and acids.
Hazardous Decomposition Products: Carbon oxides may be liberated upon thermal decomposition.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient. **Routes of Entry:** Skin, eyes, inhalation.
Irritancy of Product: Corrosive to skin, eyes and respiratory system. **Carcinogenicity:** None known.
Sensitization: None known. **Mutagenicity:** None known.
Name of Toxicological Synergistic Product: None known. **Reproductive Toxicity:** None known.
Teratogenicity: None known.
Effects of Chronic Exposure: Prolonged or repeated exposure may cause skin irritation or dermatitis, respiratory disorder and may also cause blood disorders through skin absorption of ethylene glycol mono butyl ether (based on animal test data).
Effects of Acute Exposure to Product: Product exposure may irritate or burn skin and eyes. Prolonged inhalation of vapors or mists may cause breathing problems, headaches, and nausea. Also, may be harmful if absorbed through skin. Ingestion may cause gastro-intestinal and abdominal discomfort, and symptoms similar to inhalation.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: If product is misted or sprayed, or used in a confined area, use a NIOSH/MSHA approved dust/mist respirator.
Ventilation: Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.
Protective Gloves: Natural or butyl rubber, nitrile or neoprene gloves.
Eye Protection: Chemical goggles, safety goggles or face shield.
Protective Clothing and Equipment: Long sleeve coveralls. Eye wash recommended in the immediate work area.
Storage and Handling Procedures: Use good industrial hygiene. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing sprays or mists. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with any other chemicals. Store at temperatures below 30°C (86°F) and keep from freezing.
Disposal Procedures for Spills or Leaks: Wear protective equipment. Dike and contain large spills. Pump spills into an approved waste container. For small spills, soak up with a suitable absorbent such as clay, soil or commercially available absorbents, and then dispose of into an approved waste container. Keep away from sewers and out of natural waters.
Waste Disposal Method: Reuse if possible, or otherwise dispose recovered material in accordance with all local, Provincial or Federal Regulations.
Special Shipping Information: Store at temperatures below 30°C (86°F) and keep from freezing.

SECTION 8 – EMERGENCY FIRST AID PROCEDURES

First Aid: If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division

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LAST UPDATE: Dec. 16, 2014

THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE